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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing    OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	<b>Attorney Docket Number</b>	6561/53798
	<b>First Named Inventor</b>	Friday
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	
	<b>Filing Date</b>	2/20/2004
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Wireless Node Location Mechanism Using Antenna  
Pattern Diversity to Enhance Accuracy of Location Estimates

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patent, Washington, DC 20231.

PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0861-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION – Utility or Design Patent Application**

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number or Bar Code Label				30505		OR <input type="checkbox"/> Correspondence address below	
Name Mark James Spolyar							
Address 38 Fountain Street							
City San Francisco				State CA		ZIP 94114	
Country USA				Telephone 415-826-7988		Fax 415-480-1780	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF SOLE OR FIRST INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any)) Robert J.				Family Name or Surname Friday			
Inventor's Signature <i>Robert J. Friday</i>						Date February 19, 2004	
Residence: City Los Gatos		State CA		Country USA		Citizenship United States	
Mailing Address 16081 Redwood Lodge Road							
City Los Gatos		State CA		ZIP 95033		Country USA	
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any)) Paul F.				Family Name or Surname Dietrich			
Inventor's Signature						Date February 18, 2004	
Residence: City Seattle		State WA		Country USA		Citizenship United States	
Mailing Address 8268 Palatine Ave. North							
City Seattle		State WA		ZIP 98103		Country USA	
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.							

(Page 2 of 2)

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PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0851-0032

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**DECLARATION – Utility or Design Patent Application**

Direct all correspondence to:

Customer Number  
or Bar Code Label

30505

OR ☐

Correspondence address below

Name Mark James Spolyar

Address 38 Fountain Street

City San Francisco

State CA

ZIP 94114

Country USA

Telephone 415-826-7966

Fax 415-480-1780

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:



A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any]) Robert J.

Family Name

or Surname Friday

Inventor's  
Signature

Date February 19, 2004

Residence: City Los Gatos

State CA

Country USA

Citizenship United States

Mailing Address 16081 Redwood Lodge Road

City Los Gatos

State CA

ZIP 95033

Country USA

NAME OF SECOND INVENTOR:



A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any]) Paul F.

Family Name

or Surname Dietrich

Inventor's  
Signature

Date February 19, 2004

Residence: City Seattle

State WA

Country USA

Citizenship United States

Mailing Address 6258 Palatine Ave. North

City Seattle

State WA

ZIP 98103

Country USA



Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

PTO/88/88 (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Friday et al.Application No./Patent No.: \_\_\_\_\_ Filed/Issued Date: 2/20/2004Entitled: Wireless Node Location Mechanism Using Antenna Pattern Diversity to Enhance Accuracy of Location EstimatesAirespace, Inc.

(Name of Assignee)

a Delaware Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel/Frame \_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

- [ ] Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

February 19, 2004

Date

Patrice R. Calhoun

Typed or printed name

  
SignatureChief Technical Officer

Title

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**PATENT APPLICATION**  
Attorney Docket 6561/53798

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Friday et al.

**Serial No.:** TBD

**Filed:** February 20, 2004

**For:** *Wireless Node Location Mechanism Using Antenna Pattern Diversity to Enhance Accuracy of Location Estimates*

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Airespace, inc., a Delaware corporation, at 110 Nortech Parkway, San Jose, CA 95134, assignee of all right, title and interest to the application identified above, through its Chief Technical Officer, Patrice R. Calhoun, hereby appoints as its principal attorney, Mark James Spolyar, Reg. No. 42164, with full power of revocation and substitution, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected herewith.

All correspondence and telephone calls relating to this application should be directed to:

**Customer Number: 30605**

Law Office of Mark J. Spolyar

38 Fountain Street

San Francisco, CA 94114

415-826-7966

415-480-1780 fax.

Respectfully submitted,  
AIRESpace, INC.

By: 

Patrice R. Calhoun

Its: Chief Technical Officer

Date: February 19, 2004

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